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Hermann Franzen and Joachim Kröll

LIFTING DEVICE FOR CONTAINERS

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The listing of the claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Please amend claims 1-5.

Please add claims 6-13 as follows:

1. (Currently Amended) <u>Lifting A lifting</u> device (2)-for containers (18), especially ISO eontainers (18) which can be handled by means of container handling equipment (1), with, said lifting device comprising:

at least one hydraulic cylinder (4)-arranged on a support frame (3)-with a piston and a piston rod-(5), whose

at least two horizontal guiding cross-bars spaced apart from each other, wherein lengthwise displacement of said piston rod is transformed into a synchronous upward and downward movement of at least two horizontal guiding cross-bars (10a, 10b), spaced apart from each other, which are said horizontal guiding cross-bars connected to a load-receiving means device for the container (18), the said horizontal guiding cross-bars (10a, 10b) being guided on vertical beams of the support frame (3) at both ends, for the lifting and lowering of the container (18),

characterized in that

the wherein transformation of the lengthwise displacement of said piston rod into the upward and downward movement is accomplished by means of at least one angle levers (7) lever pivoted on the said support frame (3), with said at least one angle lever comprising two lever arms (6, 8) each, one lever arm (6) of one of the angle levers (7) of said lever arms being connected to a said piston rod (5) and the other lever arm (8) of this angle lever (7) of said lever arms being connected to a one of said guiding eross bar (10a, 10b) cross-bars.

2. (Currently Amended) <u>Lifting The lifting</u> device per <u>Claimclaim</u> 1 <u>characterized in that the lever arm (6) of an angle lever (7), wherein said one of said lever arms connected to the said piston rod-(5), is linked by means of a rod-shaped coupling element (12) to a lever arm (13) of another angle lever-(14), whose other lever arm (15) is connected to the other one of said</u>

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guiding eross-bar (10a, 10b)cross-bars, such that the respective-traction means (16)devices suspended from said guiding cross-bars move synchronously to each other in the vertical direction.

- 3. (Currently Amended) <u>Lifting The lifting</u> device per <u>Claim 1 or claim 2</u>, characterized in that the wherein each of said guiding cross-bars (10a, 10b) are each is connected by means of a coupling rod (9a, 9b) to aone of said lever arm (8, 15) arms.
- 4. (Currently Amended) Lifting The lifting device according to one of Claims 1 toper claim
- 3, characterized in that the wherein each of said guiding cross-bars (10a, 10b) are each is connected by means of a coupling rod (9a, 9b) to a one of said lever arm (8, 15) arms on either side of the middle of the cross-bar.
- 5. (Currently Amended) Lifting The lifting device according to one of Claims 1 toper claim
- 4, characterized in that the wherein said load-receiving means device for the container (18) is suspended in the form of a spreader (17) from the said guiding cross-bars (10a, 10b) via traction means (16) devices.
- 6. (New) The lifting device per claim 1, wherein each of said guiding cross-bars is connected by a coupling rod to one of said lever arms.
- 7. (New) The lifting device per claim 6, wherein each of said guiding cross-bars is connected by a coupling rod to one of said lever arms on either side of the middle of the cross-bar.
- 8. (New) The lifting device per claim 7, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.
- 9. (New) The lifting device per claim 2, wherein each of said guiding cross-bars is connected by a coupling rod to one of said lever arms on either side of the middle of the cross-bar.

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10. (New) The lifting device per claim 9, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.

- 11. (New) The lifting device per claim 1, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.
- 12. (New) The lifting device per claim 2, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.
- 13. (New) The lifting device per claim 3, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.